

CONSERVATION PRACTICE PHYSICAL EFFECT WORKSHEET

NOTE: recorded in Microsoft word 6.0 - use tabs to change cells/fields

STATE	Vermont	FIELD OFFICE	All Offices	DATE	7/2/02
PRACTICE: 582 Open Channel			NOTES: For channels draining more than one square mile		
RESOURCE: SOIL RESOURCE CONCERN: EROSION			Help Message: Click on form field for choice lists. Refer to Microsoft Word Users Guide (Creating a form)		
RESOURCE INDICATORS			PHYSICAL EFFECTS		
SHEET AND RILL			N/A		
WIND			N/A		
EPHEMERAL GULLY			N/A		
CLASSIC GULLY			N/A		
STREAMBANK			N/A		
IRRIGATION INDUCED			N/A		
SOIL MASS MOVEMENT			insignificant		
ROADBANK/CONSTRUCTION			N/A		
OTHER					
RESOURCE CONCERN: SOIL CONDITION					
SOIL TILTH			N/A		
SOIL COMPACTION			N/A		
SOIL CONTAMINATION					
• SALTS			N/A		
• ORGANICS			N/A		
• FERTILIZERS			N/A		
• PESTICIDES			N/A		
• OTHER					
DEPOSITION/DAMAGE					
• ONSITE			N/A		
• OFFSITE			N/A		
DEPOSITION/SAFETY					
• ONSITE			N/A		
• OFFSITE			N/A		
OTHER					
RESOURCE: WATER RESOURCE CONCERN: WATER QUANTITY					
SEEPS			moderate increase in seepage hazard		
RUNOFF/FLOODING			sign. decrease in runoff/flooding		
EXCESS SUBSURFACE WATER			slight increase in excess subsurface water		
INADEQUATE OUTLETS			N/A		
WATER MGT. IRRIGATION					
• SURFACE			N/A		
• SPRINKLER			N/A		
WATER MGT. NON-IRRIGATED			N/A		
RESTRICTED FLOW CAPACITY (H20 convey.)					
• ONSITE			N/A		
• OFFSITE			N/A		
RESTRICTED STORAGE			N/A		

RESOURCE: **WATER**
 RESOURCE CONCERN: **WATER QUALITY**

RESOURCE INDICATORS	PHYSICAL EFFECTS
GROUNDWATER CONTAMINANTS	
• PESTICIDES	insignificant
• NUTRIENTS AND ORGANICS	insignificant
• SALINITY	insignificant
• HEAVY METALS	insignificant
• PATHOGENS	insignificant
• OTHER	
SURFACE WATER CONTAMINANTS	
• PESTICIDES	slight increase in SWcontam./pesticides
• NUTRIENTS AND ORGANICS	slight increase in SWater contam./nutri.,organics
• SUSPENDED SEDIMENTS	slight increase in SWater contam./susp. sedi.
• LOW DISSOLVED OXYGEN	slight increase in SWater contam./low oxygen
• SALINITY	slight increase in SWater contam./salinity
• HEAVY METALS	slight increase in SWater contam./heavy metals
• WATER TEMPERATURE	slight increase in SWater contam./H2O temp.
• PATHOGENS	slight increase in SWater contam./pathegens
AQUATIC HABITAT SUITABILITY	situational concerning animal habitat suitability
OTHER	

RESOURCE: **AIR**
 RESOURCE CONCERN: **AIR QUALITY**

AIRBORNE SEDIMENT AND SMOKE PARTICLES	
• ONSITE SAFETY	N/A
• OFFSITE SAFETY	N/A
• ONSITE STRUCT. PROBLEMS	N/A
• OFFSITE STRUCT. PROBLEMS	N/A
• ONSITE HEALTH	N/A
• OFFSITE HEALTH	N/A
AIRBORNE SEDIMENT CAUSING CONVEYANCE PROBLEMS	N/A
AIRBORNE CHEMICAL DRIFT	N/A
AIRBORNE ODORS	N/A
FUNGI, MOLDS, AND POLLEN	N/A
OTHER	

RESOURCE CONCERN: **AIR CONDITION**

AIR TEMPERATURE	N/A
AIR MOVEMENT (windbreak effect)	N/A
HUMIDITY	N/A
OTHER	

[illegible]

RESOURCE: HUMAN	
RESOURCE CONCERN: SOCIAL CONSIDERATIONS	
RESOURCE INDICATORS	PHYSICAL EFFECTS
PUBLIC HEALTH AND SAFETY	sign. improvement in public health safety
PRIVATE/PUBLIC VALUES	sign. improvement in private/public values
CLIENT CHARACTERISTICS	N/A
RISK TOLERANCE	moderate risk involved
TENURE	N/A
OTHER	
RESOURCE CONCERN: CULTURAL CONSIDERATIONS	
ABSENCE/PRESENCE OF CULTURAL RESOURCES	CRS determines presence/sensitivity of CR sites
SIGNIFICANCE OF CULTURAL RESOURCES	CRS evaluates significance of identified CR(s)
MITIGATION OF NEGATIVE CULTURAL RES. IMPACTS	CRS develops ways to reduce/elimin. neg. impacts
OTHER	